

Reference = ABLIKIM 14I; PR D89 092008  
Verifier code = BES3

*PLEASE READ NOW*

*PLEASE  
REPLY  
WITHIN  
ONE WEEK*

Normally we send all verifications for one experiment to one person, usually the spokesperson or data-analysis coordinator, who then distributes them to the appropriate people. Please tell us if we should send the verifications for your experiment to someone else.

Xiao-Rui Lyu

EMAIL: xiaorui@ucas.ac.cn

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July 21, 2016

Dear Colleague,

- (1) Please check the results of your experiment carefully. They are marked.
- (2) Please reply within one week.
- (3) Please reply even if everything is correct.
- (4) IMPORTANT!! Please tell WHICH papers you are verifying. We have lots of requests out.
- (5) Feel free to make comments on our treatment of any of the results (not just yours) you see.

Thank you for helping us make the Review accurate and useful.

Sincerely,

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$c\bar{c}$  MESONS

$J/\psi(1S)$

$$I^G(J^{PC}) = 0^-(1^{--})$$

NODE=MXXX025  
NODE=M070

$J/\psi(1S)$  BRANCHING RATIOS

NODE=M070230

DALITZ DECAYS

NODE=M070330

$\Gamma(\pi^0 e^+ e^-)/\Gamma_{\text{total}}$					$\Gamma_{210}/\Gamma$
<i>VALUE (units 10<sup>-7</sup>)</i>	<i>EVTS</i>	<i>DOCUMENT ID</i>	<i>TECN</i>	<i>COMMENT</i>	
<b>7.56±1.32±0.50</b>	39	ABLIKIM	14I	BES3	$J/\psi \rightarrow \pi^0 e^+ e^-$

NODE=M070S89  
NODE=M070S89

$\Gamma(\eta e^+ e^-)/\Gamma_{\text{total}}$					$\Gamma_{211}/\Gamma$
VALUE (units $10^{-5}$ )	EVTS	DOCUMENT ID	TECN	COMMENT	
<b>1.16±0.07±0.06</b>	320	<sup>1</sup> ABLIKIM	14I BES3	$J/\psi \rightarrow \eta e^+ e^-$	

NODE=M070S90  
NODE=M070S90

YOUR NOTE     <sup>1</sup> Using both  $\eta \rightarrow \gamma\gamma$  and  $\eta \rightarrow \pi^+\pi^-\pi^0$  decays.

NODE=M070S90;LINKAGE=A

$\Gamma(\eta'(958) e^+ e^-)/\Gamma_{\text{total}}$					$\Gamma_{212}/\Gamma$
<i>VALUE (units 10<sup>-5</sup>)</i>	<i>EVTS</i>	<i>DOCUMENT ID</i>	<i>TECN</i>	<i>COMMENT</i>	
<b>5.81±0.16±0.31</b>	1.4k	<sup>1</sup> ABLIKIM	14I	BES3	$J/\psi \rightarrow \eta' e^+ e^-$

NODE=M070S91  
NODE=M070S91

YOUR NOTE     <sup>1</sup> Using both  $\eta' \rightarrow \gamma\pi^+\pi^-$  and  $\eta' \rightarrow \pi^+\pi^-\eta$  decays.

NODE=M070S91;LINKAGE=A

$J/\psi(1S)$  REFERENCES

NODE=M070

YOUR PAPER    ABLIKIM        14I    PR D89 092008        M. Ablikim *et al.*        (BES III Collab.)

REFID=55900